

09/853409

**WEST**Search results  
for Paper # 12

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## Search Results -

Terms	Documents
L5 and subcutaneous\$	1

Database:

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 US Pre-Grant Publication Full-Text Database  
 JPO Abstracts Database  
 EPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L7

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## Search History

DATE: Monday, December 30, 2002 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR			
<u>L7</u>	L5 and subcutaneous\$	1	<u>L7</u>
<u>L6</u>	L5 and subcutaneous\$	0	<u>L6</u>
<u>L5</u>	6174868 [pn]	2	<u>L5</u>
<u>L4</u>	antisense near20 subcutaneous\$	90	<u>L4</u>
<u>L3</u>	antisense near10 subcutaneous\$	73	<u>L3</u>
<u>L2</u>	antisense near5 subcutaneous\$	32	<u>L2</u>
<u>L1</u>	antisense and subcutaneous\$	9477	<u>L1</u>

END OF SEARCH HISTORY

[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 32 of 32 returned.**

- 
- ☐ 1. [20020194633](#) . 12 Oct 01. 19 Dec 02. Novel low density lipoprotein binding proteins and their use in diagnosing and treating atherosclerosis. Lee, Ann M., et al. 800/13; 435/196 435/320.1 435/325 435/69.1 514/12 536/23.2 A01K067/00 C07H021/04 C12N009/16 C12P021/02 C12N005/06.
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- ☐ 2. [20020183270](#) . 04 Apr 01. 05 Dec 02. 88kDa tumorigenic growth factor and antagonists. Serrero, Ginette. 514/44; 424/146.1 A61K048/00 A61K039/395.
- 
- ☐ 3. [20020168361](#) . 29 Jan 02. 14 Nov 02. Methods and compositions for inhibiting inflammation and angiogenesis comprising a mammalian CD97 alpha subunit. Kelly, Kathleen. 424/144.1; 435/320.1 435/325 435/69.1 530/350 536/23.5 A61K039/395 C07H021/04 C12P021/02 C12N005/06 C07K014/705.
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- ☐ 4. [20020152485](#) . 17 Dec 01. 17 Oct 02. Novel low density lipoprotein binding proteins and their use in diagnosing and treating atherosclerosis. Lees, Ann M., et al. 800/13; 435/7.1 514/1 530/359 530/388.23 536/23.5 A01K067/00 G01N033/53 A61K031/00.
- 
- ☐ 5. [20020129388](#) . 17 Dec 01. 12 Sep 02. Novel low density lipoprotein binding proteins and their use in diagnosing and treating atherosclerosis. Lees, Ann M., et al. 800/8; 435/320.1 435/325 435/69.1 530/350 536/23.5 A01K067/00 C07H021/04 C12P021/02 C12N005/06.
- 
- ☐ 6. [20020128220](#) . 30 Aug 01. 12 Sep 02. TRPM-2 antisense therapy. Gleave, Martin. 514/44; A61K048/00.
- 
- ☐ 7. [20020115826](#) . 26 Mar 01. 22 Aug 02. Inhibitors of histone deacetylase. Delorme, Daniel, et al. 530/331; 546/309 548/192 564/152 C07K005/06 C07D213/72 C07D277/44.
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- ☐ 8. [20020094966](#) . 04 Apr 01. 18 Jul 02. 88kDa tumorigenic growth factor and antagonists. Serrero, Ginette. 514/44; 424/155.1 A61K048/00 A61K039/395.
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- ☐ 9. [20020086812](#) . 31 May 01. 04 Jul 02. Methods and compositions for diagnosis and treatment of cancer. Schweinfest, Clifford W., et al. 514/1; A61K031/00.
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- ☐ 10. [20020061859](#) . 21 Mar 01. 23 May 02. 88kDa tumorigenic growth factor and antagonists. Serrero, Ginette. 514/44; 424/130.1 A61K048/00 A61K039/395.
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- ☐ 11. [20020052033](#) . 24 Sep 01. 02 May 02. Novel low density lipoprotein binding proteins and their use in diagnosing and treating atherosclerosis. Lees, Ann M., et al. 435/196; 435/226 435/320.1 435/325 435/69.1 536/23.2 C12N009/16 C12N009/64 C07H021/04 C12N005/06 C12P021/02.
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- ☐ 12. [20020025543](#) . 15 Jun 01. 28 Feb 02. Methods and kits for diagnosing tumorigenicity and determining resistance to the antineoplastic effects of antiestrogen therapy. Serrero, Ginette. 435/7.23; G01N033/574.
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- ☐ 13. [20010025030](#) . 01 Dec 00. 27 Sep 01. cDNA for human methylenetetrahydrofolate reductase and uses thereof. Rozen, Rima, et al. 514/44; 435/6 A61K048/00 C12Q001/68.
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- ☐ 14. [20010007902](#) . 03 Feb 98. 12 Jul 01. RNASE L ACTIVATORS AND ANTISENSE OLIGONUCLEOTIDES EFFECTIVE TO TREAT TELOMERASE- EXPRESSING
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MALIGNANCIES. SILVERMAN, ROBERT H., et al. 536/24.5; 435/375 435/377 435/455 435/6 536/24.1 536/25.2 C07H021/04 A61K048/00 C07H021/02 C12N005/00.

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☐ 15. 6468983. 03 Feb 98; 22 Oct 02. RNase L activators and antisense oligonucleotides effective to treat telomerase-expressing malignancies. Silverman; Robert H., et al. 514/44; 435/375 435/377 435/455 435/6 536/23.1 536/24.1 536/24.5 536/25.2. A61K048/00 L07H021/04.

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☐ 16. 6399586. 27 May 99; 04 Jun 02. Modified VEGF oligonucleotides. Robinson; Gregory S.. 514/44; 435/325 435/375 435/6 435/91.1 435/91.31 536/23.1 536/23.2 536/24.3 536/24.31 536/24.33 536/24.5. A61K048/00 C07H021/04.

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☐ 17. 6365712. 20 Aug 99; 02 Apr 02. Methods and compositions for inhibiting inflammation and angiogenesis comprising a mammalian CD97 .alpha. subunit. Kelly; Kathleen. 530/300; 424/130.1 424/131.1 424/133.1 424/134.1 424/9.1 435/4 435/41 435/69.1 435/7.1 530/324 530/350 530/380 530/385 530/386 530/387.1 530/387.2 530/387.9 530/388.1 530/388.15 530/388.2 530/388.25 530/388.7. A61K038/00 C07K002/00 C07K004/00 C07K005/00 C07K007/00.

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☐ 18. 6355451. 26 Nov 97; 12 Mar 02. Low density lipoprotein binding proteins and their use in diagnosing and treating atherosclerosis. Lees; Ann M., et al. 435/69.1; 536/22.1 536/23.5. C12P021/06 C07H019/00 C07H021/04.

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☐ 19. 6310198. 07 Apr 00; 30 Oct 01. Extremely high purity oligonucleotides and methods of synthesizing them using dimer blocks. Tang; Jin-Yan, et al. 536/25.3; 435/6. C07H021/00.

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☐ 20. 6309826. 16 Dec 97; 30 Oct 01. 88kDa tumorigenic growth factor and antagonists. Serrero; Ginette. 435/6; 435/325 435/366 435/371 435/69.1 435/91.1 536/23.1 536/24.3 536/24.31 536/24.33. C12Q001/68 C12P019/34 C12N015/11 C07H021/04.

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☐ 21. 6306829. 06 Dec 96; 23 Oct 01. Modified VEGF oligonucleotides for treatment of skin disorders. Smyth; Adrienne P., et al. 514/44; 435/375 435/455 435/6 536/23.1 536/23.5 536/24.5. A61K031/70 C07H021/04 C12N005/00.

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☐ 22. 6300484. 30 Sep 98; 09 Oct 01. DNA encoding DP. 75 and a process for its use. Duhl; David. 536/23.1; C07H021/02.

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☐ 23. 6180767. 07 Jan 97; 30 Jan 01. Peptide nucleic acid conjugates. Wickstrom; Eric, et al. 536/22.1; 435/6 536/23.1 536/25.3 536/25.31 536/25.32 536/25.33 536/25.34. C07H019/00 C07H021/02 C07H021/00 C07H021/04.

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☐ 24. 6121046. 12 Dec 97; 19 Sep 00. Synthetic antisense oligodeoxynucleotides targeted to human ache. Soreq; Hermona, et al. 435/375; 435/325 435/354 435/455 435/6 435/91.1 514/44 536/23.1 536/24.31 536/24.33 536/24.5. C07H021/04 C12Q001/68 C12N015/00.

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☐ 25. 6110742. 02 May 97; 29 Aug 00. Synthetic antisense oligodeoxynucleotides targeted to AChE. Soreq; Hermona, et al. 435/375; 435/325 435/354 435/455 435/6 435/91.1 514/44 536/23.1 536/24.31 536/24.33 536/24.5. C07H021/04 C12Q001/68 C12N015/00 A61K048/00.

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☐ 26. 6087491. 02 May 97; 11 Jul 00. Extremely high purity oligonucleotides and methods of synthesizing them using dimer blocks. Tang; Jin-Yan, et al. 536/25.4; 536/25.34. C07H021/00.

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☐ 27. 5830656. 28 Jun 96; 03 Nov 98. Detecting the expression of the catr1 gene in squamous cell carcinoma. Milo, Jr.; George E., et al. 435/6; 435/91.2 435/91.5 435/91.51 536/23.5 536/24.3 536/24.33. C12Q001/68 C12P019/34 C07H021/04.

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- ☐ 28. 5641756 . 08 Dec 95; 24 Jun 97. Modified VEGF oligonucleotides. Robinson; Gregory S.. 514/44; 435/375 435/6 536/23.5 536/24.3 536/24.31 536/24.33 536/24.5. A61K031/70 C07H021/00 C12N005/10 C12Q001/68.
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- ☐ 29. 5596090 . 12 Oct 93; 21 Jan 97. Antisense oligonucleotides directed against human VCAM-1 RNA. Hoke; Glenn D., et al. 536/24.5; 435/6 536/23.1 536/24.1 536/24.3 536/24.31. C07H021/04 A61K031/70.
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- ☐ 30. 5585479 . 12 Oct 93; 17 Dec 96. Antisense oligonucleotides directed against human ELAM-1 RNA. Hoke; Glenn D., et al. 536/24.5; 536/23.1 536/23.5. C07H021/04.
- 
- ☐ 31. 5580969 . 12 Oct 93; 03 Dec 96. Antisense oligonucleotides directed against human ICAM-1 RNA. Hoke; Glenn D., et al. 536/24.5; 435/6 536/24.3 536/24.31 536/24.33. C07H021/04 C07H021/02.
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- ☐ 32. WO 200023109 A1 AU 200011181 A EP 1146903 A1 . Diagnostic agent for human cancer, detects overexpression of glypican-1 or syndecan-1, also therapeutic composition containing agent that affects glypican-1. KORC, M, et al. A61K039/395 C07K016/00 C12Q001/00 G01N033/53 G01N033/567 G01N033/574.
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Terms	Documents
antisense near5 subcutaneous\$	32

[Previous Page](#)[Next Page](#)

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et hi ;set hi
HILIGHT set on as ''
HILIGHT set on as ''
? begin 5,6,55,154,155,156,312,399,biotech,biosci
>>>      135 is unauthorized
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Set	Items	Description
? s	(antisense or oligonucleotide?) and subcutaneous	
	165821	ANTISENSE
	347551	OLIGONUCLEOTIDE?
	416224	SUBCUTANEOUS
S1	2066	(ANTISENSE OR OLIGONUCLEOTIDE?) AND SUBCUTANEOUS
? s s1 and	(HCV or NANBH or hepatitis (n) C)	
Processing		
Processed	10 of	35 files ...
Completed processing all files		
	2066	S1
	103867	HCV
	720	NANBH
	654056	HEPATITIS
	10035105	C
	197028	HEPATITIS(N)C
S2	29	S1 AND (HCV OR NANBH OR HEPATITIS (N) C)

? rd s2  
...completed examining records  
S3 22 RD S2 (unique items)  
? d s3/3/1-22  
Display 3/3/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

13989343 BIOSIS NO.: 200200618164  
A Phase 1B dose escalation trial of ISIS 14803, an **antisense** inhibitor of **HCV**, in patients with chronic **HCV**: Final report.  
AUTHOR: McHutchison J G(a); Pockros P J(a); Patel K(a); Nyberg L(a); Yu R Z ; Kwoh T J; Dorr F A  
AUTHOR ADDRESS: (a)Scripps Clinic, La Jolla, CA\*\*USA  
JOURNAL: Hepatology 36 (4 Part 2):p303A October, 2002  
MEDIUM: print  
CONFERENCE/MEETING: 53rd Annual Meeting on the Liver BOSTON, MA, USA  
November 01-05, 2002  
ISSN: 0270-9139  
RECORD TYPE: Citation  
LANGUAGE: English

- end of record -

?  
Display 3/3/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

13322077 BIOSIS NO.: 200100529226  
Clinical pharmacokinetics of ISIS 14803, an **antisense** inhibitor of **HCV**, in patients with chronic **HCV** and comparison to non-clinical pharmacokinetics/toxicology in monkeys.  
AUTHOR: Kwoh T J(a); Yu Rosie Z(a); Geary Richard S(a); McHutchison John G; Henry Scott P; Levin Arthur A; Dorr F A  
AUTHOR ADDRESS: (a)Isis Pharmaceuticals, Inc, Carlsbad, CA\*\*USA  
JOURNAL: Hepatology 34 (4 Pt. 2):p331A October, 2001  
MEDIUM: print  
CONFERENCE/MEETING: 52nd Annual Meeting and Postgraduate Courses of the American Association for the Study of Liver Diseases Dallas, Texas, USA  
November 09-13, 2001  
ISSN: 0270-9139  
RECORD TYPE: Citation  
LANGUAGE: English  
SUMMARY LANGUAGE: English

- end of record -

?

Display 3/3/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

08308538 BIOSIS NO.: 000094070861  
TREATMENT OF CHRONIC **HEPATITIS C** BY CONTINUOUS  
**SUBCUTANEOUS** INFUSION OF INTERFERON-ALPHA  
AUTHOR: CARRENO V; TAPIA L; RYFF J-C; QUIROGA J A; CASTILLO I  
AUTHOR ADDRESS: HEPATOLOGY UNIT, DEP. GASTROENTEROLOGY, FUNDACION JIMENEZ  
DIAZ, AVENIDA REYES CATOLICOS 2, 28040 MADRID, SPAIN.  
JOURNAL: J MED VIROL 37 (3). 1992. 215-219. 1992  
FULL JOURNAL NAME: Journal of Medical Virology  
CODEN: JMVID  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

- end of record -

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Display 3/3/4 (Item 1 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2002 Inst for Sci Info. All rts. reserv.

08964630 Genuine Article#: 350FV No. References: 25  
Title: Pharmacokinetics and tissue distribution of a ribozyme directed  
against **hepatitis C** virus RNA following **subcutaneous**  
or intravenous administration in mice  
Author(s): Lee PA; Blatt LM (REPRINT) ; Blanchard KS; Bouhana KS; Pavco PA;  
Bellon L; Sandberg JA  
Corporate Source: RIBOZYME PHARMACEUT INC, 2950 WILDERNESS  
PL/BOULDER//CO/80301 (REPRINT); RIBOZYME PHARMACEUT  
INC,/BOULDER//CO/80301  
Journal: HEPATOLOGY, 2000, V32, N3 (SEP), P640-646  
ISSN: 0270-9139 Publication date: 20000900  
Publisher: W B SAUNDERS CO, INDEPENDENCE SQUARE WEST CURTIS CENTER, STE  
300, PHILADELPHIA, PA 19106-3399  
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

- end of record -

?

Display 3/3/5 (Item 2 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2002 Inst for Sci Info. All rts. reserv.

04547093 Genuine Article#: TR791 No. References: 67  
Title: SEX INFLUENCES ON THE PENETRANCE OF HLA SHARED-EPITOPE GENOTYPES FOR  
RHEUMATOID-ARTHRITIS  
Author(s): MEYER JM; HAN JF; SINGH R; MOXLEY G  
Corporate Source: POB 980003/RICHMOND//VA/23298; VIRGINIA COMMONWEALTH  
UNIV, MED COLL VIRGINIA, DEPT HUMAN GENET, DIV RHEUMATOL ALLERGY &  
IMMUNOL/RICHMOND//VA/23298; VIRGINIA COMMONWEALTH UNIV, MED COLL  
VIRGINIA, DEPT INTERNAL MED, DIV RHEUMATOL ALLERGY &  
IMMUNOL/RICHMOND//VA/23298; MCGUIRE VET AFFAIRS MED  
CTR/RICHMOND//VA/00000  
Journal: AMERICAN JOURNAL OF HUMAN GENETICS, 1996, V58, N2 (FEB), P371-383  
ISSN: 0002-9297  
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

- end of record -

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Display 3/3/6 (Item 1 from file: 73)

DIALOG(R)File 73:EMBASE  
(c) 2003 Elsevier Science B.V. All rts. reserv.

11797007 EMBASE No: 2002367755  
Theranostics: Turning tomorrow's medicine into today's reality  
Magrez P.; Shapiro F.  
P. Magrez, COO/Department of Medical Affairs, Innogenetics NV,  
Technologiepark 6, B-9052 Gent Belgium  
AUTHOR EMAIL: paul magrez@innogenetics.com  
Current Drug Discovery ( CURR. DRUG DISCOV. ) (United Kingdom) 01 SEP  
2002, -/SEPT. (23-27)  
CODEN: CDDUA ISSN: 1472-7463  
DOCUMENT TYPE: Journal ; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

- end of record -

?  
Display 3/3/7 (Item 2 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2003 Elsevier Science B.V. All rts. reserv.

11699387 EMBASE No: 2002271877  
IDdb3 news focus  
Current Drug Discovery ( CURR. DRUG DISCOV. ) (United Kingdom) 2002,  
-/JANUARY (13-16)  
CODEN: CDDUA ISSN: 1472-7463  
DOCUMENT TYPE: Journal ; Note  
LANGUAGE: ENGLISH

- end of record -

?  
Display 3/3/8 (Item 3 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2003 Elsevier Science B.V. All rts. reserv.

11584148 EMBASE No: 2002155725  
Developments in the treatment of chronic **hepatitis C**  
Pockros P.J..  
Dr. P.J. Pockros, Div. of Gastroenterology/Hepatology, The Scripps  
Clinic, 10666 N. Torrey Pines Road, La Jolla, CA 92037 United States  
AUTHOR EMAIL: ppockros@scrippsclinic.com  
Expert Opinion on Investigational Drugs ( EXPERT OPIN. INVEST. DRUGS ) (  
United Kingdom) 2002, 11/4 (515-528)  
CODEN: EOIDE ISSN: 1354-3784  
DOCUMENT TYPE: Journal ; Review  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 102

- end of record -

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Display 3/3/9 (Item 4 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2003 Elsevier Science B.V. All rts. reserv.

11553185 EMBASE No: 2002124946  
**Hepatitis C: Therapeutic perspectives**  
Cornberg M.; Wedemeyer H.; Manns M.P.  
M.P. Manns, Dept. Gastroenterology/Hepatology, Medizinische Hochschule  
Hannover, Carl-Neuberg-Strasse 1, D-30623 Hannover Germany  
FORUM - Trends in Experimental and Clinical Medicine ( FORUM TRENDS EXP.  
CLIN. MED. ) (Italy) 2001, 11/2 (154-162)  
CODEN: FTCME ISSN: 1121-8142  
DOCUMENT TYPE: Journal ; Article



LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 40

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Display 3/3/10 (Item 5 from file: 73)  
DIALOG(R)File 73:EMBASE  
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11397933 EMBASE No: 2001411646  
ISIS-14803 Isis pharmaceuticals  
Witherell G.W.  
G.W. Witherell, Questcor Pharmaceuticals Inc., 3260 Whipple Road, Union  
City, CA 94587 United States  
AUTHOR EMAIL: gwithere@questcor.com  
Current Opinion in Investigational Drugs ( CURR. OPIN. INVEST. DRUGS ) ( United Kingdom) 2001, 2/11 (1523-1529)  
CODEN: CIDRE ISSN: 1472-4472  
DOCUMENT TYPE: Journal ; Review  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 31

- end of record -

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Display 3/3/11 (Item 6 from file: 73)  
DIALOG(R)File 73:EMBASE  
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11395226 EMBASE No: 2001409515  
**Hepatitis C:** A concise review  
Moradpour D.; Wolk B.; Cerny A.; Heim M.H.; Blum H.E.  
H.E. Blum, Department of Medicine II, University of Freiburg, Hugstetter  
Strasse 55, D-79106 Freiburg Germany  
AUTHOR EMAIL: heblum@ukl.uni-freiburg.de  
Minerva Medica ( MINERVA MED. ) (Italy) 2001, 92/5 (329-339)  
CODEN: MIMEA ISSN: 0026-4806  
DOCUMENT TYPE: Journal ; Review  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH; ITALIAN  
NUMBER OF REFERENCES: 75

- end of record -

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Display 3/3/12 (Item 7 from file: 73)  
DIALOG(R)File 73:EMBASE  
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11167111 EMBASE No: 2001179509  
Thymosin alpha-1  
Ancell C.D.; Phipps J.; Young L.; Kay L.  
L. Kay, Univ. Health-System Consortium, 2001 Spring Road, Oak Brook, IL  
60523-1890 United States  
AUTHOR EMAIL: Ikay@uhc.edu  
American Journal of Health-System Pharmacy ( AM. J. HEALTH-SYST. PHARM. )  
(United States) 15 MAY 2001, 58/10 (879-888)  
CODEN: AHSPE ISSN: 1079-2082  
DOCUMENT TYPE: Journal ; Review  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 17

- end of record -

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Display 3/3/13 (Item 8 from file: 73)  
DIALOG(R)File 73:EMBASE

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11150558 EMBASE No: 2001164548

Pharmacokinetics of phosphorothioate **antisense** oligodeoxynucleotides

Geary R.S.; Yu R.Z.; Levin A.A.

R.S. Geary, Isis Pharmaceuticals Inc., 2292 Faraday Avenue, Carlsbad, CA 92008 United States

AUTHOR EMAIL: rgeary@isisph.com

Current Opinion in Investigational Drugs ( CURR. OPIN. INVEST. DRUGS ) ( United Kingdom) 2001, 2/4 (562-573)

CODEN: CIDRE ISSN: 0967-8298

DOCUMENT TYPE: Journal ; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 70

- end of record -

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Display 3/3/14 (Item 9 from file: 73)

DIALOG(R)File 73:EMBASE

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10863623 EMBASE No: 2000346193

Treatment of viral hepatitis

Carrasco D.A.; Newman C.; Tyring S.K.

Dr. S.K. Tyring, UTMB, Route 1070, Galveston, TX 77555 United States

AUTHOR EMAIL: STyring@UTMB.edu

Dermatologic Therapy ( DERMATOL. THER. ) (United States) 2000, 13/3 (318-325)

CODEN: DETHF ISSN: 1396-0296

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 53

- end of record -

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Display 3/3/15 (Item 10 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2003 Elsevier Science B.V. All rts. reserv.

10790420 EMBASE No: 2000270736

Chronic **hepatitis C**: Early intervention

Koff R.S.

Dr. R.S. Koff, Univ. of Massachusetts Med. School, Department of

Medicine, Columbia Metro West Medical Center, Amherst, MA United States

Hospital Practice ( HOSP. PRACT. ) (United States) 15 JUN 1998, 33/6 (101-114)

CODEN: HOPRB ISSN: 8750-2836

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 10

- end of record -

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Display 3/3/16 (Item 11 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2003 Elsevier Science B.V. All rts. reserv.

07830153 EMBASE No: 1999312439

Developments in **hepatitis C** during 1997-1999

Poordad F.F.; Gish R.G.

F.F. Poordad, Division of Gastroenterology, Department of Medicine, Johns

Hopkins Univ. School Medicine, 1830 E. Monument St., Baltimore, MD 21205

United States

Expert Opinion on Therapeutic Patents ( EXPERT OPIN. THER. PAT. ) (United Kingdom) 1999, 9/9 (1249-1262)

CODEN: EOTPE ISSN: 1354-3776

DOCUMENT TYPE: Journal; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 182

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Display 3/3/17 (Item 12 from file: 73)

DIALOG(R)File 73:EMBASE

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07800559 EMBASE No: 1999282904

Advances in the treatment of chronic viral hepatitis

Koff R.S.

Dr. R.S. Koff, Department of Medicine, 115 Lincoln St., Framingham, MA 01702 United States

Journal of the American Medical Association ( J. AM. MED. ASSOC. ) ( United States) 11 AUG 1999, 282/6 (511-512)

CODEN: JAMAA ISSN: 0098-7484

DOCUMENT TYPE: Journal; Short Survey

LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 12

- end of record -

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Display 3/3/18 (Item 13 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2003 Elsevier Science B.V. All rts. reserv.

07587217 EMBASE No: 1999062170

**Antisense oligonucleotide inhibition of hepatitis**

**C virus (HCV) gene expression in livers of mice infected with an HCV-vaccinia virus recombinant**

Zhang H.; Hanecak R.; Brown-Driver V.; Azad R.; Conklin B.; Fox M.C.;

Anderson K.P.

K.P. Anderson, 2292 Faraday Ave., Carlsbad, CA 92008 United States

AUTHOR EMAIL: kanderson@isisph.com

Antimicrobial Agents and Chemotherapy ( ANTIMICROB. AGENTS CHEMOTHER. ) ( United States) 1999, 43/2 (347-353)

CODEN: AMACC ISSN: 0066-4804

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 51

- end of record -

?

Display 3/3/19 (Item 14 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2003 Elsevier Science B.V. All rts. reserv.

06613308 EMBASE No: 1996278084

Therapy of chronic viral hepatitis

Fried M.W.

Division of Digestive Diseases, Woodruff Memorial Building, Emory University School of Medicine, Atlanta, GA 30322 United States

Medical Clinics of North America ( MED. CLIN. NORTH AM. ) (United States) 1996, 80/5 (957-972)

CODEN: MCNAA ISSN: 0025-7125

DOCUMENT TYPE: Journal; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

- end of record -

?

Display 3/3/20 (Item 1 from file: 98)  
DIALOG(R)File 98:General Sci Abs/Full-Text  
(c) 2002 The HW Wilson Co. All rts. reserv.

04048414 H.W. WILSON RECORD NUMBER: BGSA99048414 (USE FORMAT 7 FOR  
FULLTEXT)

The unmet challenges of **hepatitis C**.

Di Bisceglie, Adrian M

Bacon, Bruce R

Scientific American v. 281 no4 (Oct. 1999) p. 80-5

SPECIAL FEATURES: bibl il ISSN: 0036-8733

LANGUAGE: English

COUNTRY OF PUBLICATION: United States

WORD COUNT: 4233

- end of record -

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Display 3/3/21 (Item 1 from file: 357)  
DIALOG(R)File 357:Derwent Biotech Res.  
(c) 2003 Thomson Derwent & ISI. All rts. reserv.

0295784 DBR Accession No.: 2002-17631 PATENT

Chimeric murine leukemia virus-feline leukemia virus vector construct,  
useful in gene therapy for treating diabetes, cystic fibrosis, cancer,  
hypercholesterolemia, hyperlipidemia, anemia, hemophilia, hepatitis -  
recombinant virus vector-mediated gene transfer and expression in host  
cell for use in gene therapy

AUTHOR: DUBENSKY T W; GASMI M; SAUTER S L

PATENT ASSIGNEE: CHIRON CORP 2002

PATENT NUMBER: WO 200242482 PATENT DATE: 20020530 WPI ACCESSION NO.:  
2002-471730 (200250)

PRIORITY APPLIC. NO.: US 253419 APPLIC. DATE: 20001127

NATIONAL APPLIC. NO.: WO 2001US44617 APPLIC. DATE: 20011127

LANGUAGE: English

- end of record -

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Display 3/3/22 (Item 2 from file: 357)  
DIALOG(R)File 357:Derwent Biotech Res.  
(c) 2003 Thomson Derwent & ISI. All rts. reserv.

0290552 DBR Accession No.: 2002-12399 PATENT

New protein phosphatase IIC-like enzyme and polynucleotide, useful for  
treating a disease associated with an increase or decrease in  
apoptosis, e.g. neurodegenerative diseases, viral infections,  
myelodysplasia, cancer, diabetes - vector-mediated gene transfer,  
expression in host cell, antibody, **antisense**  
**oligonucleotide** and ribozyme for recombinant protein production,  
drug screening and gene therapy

AUTHOR: XIAO Y

PATENT ASSIGNEE: BAYER AG 2002

PATENT NUMBER: WO 200218565 PATENT DATE: 20020307 WPI ACCESSION NO.:  
2002-292201 (200233)

PRIORITY APPLIC. NO.: US 280115 APPLIC. DATE: 20010402

NATIONAL APPLIC. NO.: WO 2001EP9558 APPLIC. DATE: 20010820

LANGUAGE: English

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PLEASE ENTER A COMMAND OR BE LOGGED OFF IN 5 MINUTES  
? s s1 not py>1993  
Processing  
Processed 10 of 35 files ...  
Processing  
Processing  
>>>One or more prefixes are unsupported  
>>> or undefined in one or more files.  
Processed 20 of 35 files ...  
Processing  
Completed processing all files  
2066 S1  
56411938 PY>1993  
S4 205 S1 NOT PY>1993  
? rd s4  
...examined 50 records (50)  
...examined 50 records (100)  
...examined 50 records (150)  
>>>Record 266:279899 ignored; incomplete bibliographic data, not retained -  
in RD set  
>>>Record 266:261576 ignored; incomplete bibliographic data, not retained -  
in RD set  
>>>Record 266:225526 ignored; incomplete bibliographic data, not retained -  
in RD set  
>>>Record 266:225521 ignored; incomplete bibliographic data, not retained -  
in RD set  
>>>Record 266:222962 ignored; incomplete bibliographic data, not retained -  
in RD set  
>>>Record 266:222956 ignored; incomplete bibliographic data, not retained -  
in RD set  
>>>Record 266:221673 ignored; incomplete bibliographic data, not retained -  
in RD set  
>>>Record 266:210567 ignored; incomplete bibliographic data, not retained -  
in RD set  
...examined 50 records (200)  
...completed examining records  
S5 93 RD S4 (unique items)  
? s s5 and (HCV or NANBH or hepatitis)  
93 S5  
103867 HCV  
720 NANBH  
654056 HEPATITIS  
S6 4 S5 AND (HCV OR NANBH OR HEPATITIS)  
? d s6/3/1-4  
Display 6/3/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

08308538 BIOSIS NO.: 000094070861  
TREATMENT OF CHRONIC **HEPATITIS C** BY CONTINUOUS **SUBCUTANEOUS**  
INFUSION OF INTERFERON-ALPHA  
AUTHOR: CARRENO V; TAPIA L; RYFF J-C; QUIROGA J A; CASTILLO I  
AUTHOR ADDRESS: HEPATOLOGY UNIT, DEP. GASTROENTEROLOGY, FUNDACION JIMENEZ  
DIAZ, AVENIDA REYES CATOLICOS 2, 28040 MADRID, SPAIN.  
JOURNAL: J MED VIROL 37 (3). 1992. 215-219. 1992  
FULL JOURNAL NAME: Journal of Medical Virology  
CODEN: JMVID  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

- end of record -

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Display 6/3/2 (Item 1 from file: 154)  
DIALOG(R)File 154:MEDLINE(R)

07314092 92248090 PMID: 1576329  
Organ distribution and stability of phosphorothioated  
oligodeoxyribonucleotides in mice.  
Goodarzi G; Watabe M; Watabe K  
Department of Medical Microbiology/Immunology, Southern Illinois  
University School of Medicine, Springfield 62708.  
Biopharmaceutics & drug disposition (ENGLAND) Apr 1992, 13 (3)  
p221-7, ISSN 0142-2782 Journal Code: 7911226  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

- end of record -

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Display 6/3/3 (Item 1 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2003 Elsevier Science B.V. All rts. reserv.

05111999 EMBASE No: 1992252215  
New horizons in cancer therapy  
Thomas H.  
Imperial Cancer Research Fund, Biological Therapies Laboratory, Lincoln's  
Inn Fields, London WC2A 3PX United Kingdom  
Drugs of Today ( DRUGS TODAY ) (Spain) 1992, 28/5 (311-331)  
CODEN: MDACA ISSN: 0025-7656  
DOCUMENT TYPE: Journal; Review  
LANGUAGE: ENGLISH

- end of record -

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Display 6/3/4 (Item 2 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2003 Elsevier Science B.V. All rts. reserv.

05083556 EMBASE No: 1992223772  
Genetic control of nonresponsiveness to **hepatitis** B virus vaccine  
by an extended HLA haplotype  
Hatae K.; Kimura A.; Okubo R.; Watanabe H.; Erlich H.A.; Ueda K.;  
Nishimura Y.; Sasazuki T.  
Department of Genetics, Medical Institute of Bioregulation, Kyushu  
University, 3-1-1 Maidashi, Higashi-ku, Fukuoka 812 Japan  
European Journal of Immunology ( EUR. J. IMMUNOL. ) (Germany) 1992, 22/7  
(1899-1905)  
CODEN: EJIMA ISSN: 0014-2980  
DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

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Display 5/3/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

09413713 BIOSIS NO.: 199497422083  
Human alpha-2-Adrenergic Receptor Subtype Distribution: Widespread and  
Subtype-Selective Expression of alpha-2C10, alpha-2C4, and alpha-2C2 mRNA  
in Multiple Tissues.

AUTHOR: Eason Margaret G; Liggett Stephen B(a)  
AUTHOR ADDRESS: (a)Univ. Cincinnati Coll. Med., 231 Bethesda Ave., M.L.  
0564, Cincinnati, OH 45267-0564\*\*USA  
JOURNAL: Molecular Pharmacology 44 (1):p70-75 1993  
ISSN: 0026-895X  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

- end of record -

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Display 5/3/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

09080674 BIOSIS NO.: 199497089044  
Expression of serum amyloid A genes in mink during induction of  
inflammation and amyloidosis.  
AUTHOR: Rygg Marite(a); Nordstoga Knut; Husby Gunnar; Marhaug Gudmund  
AUTHOR ADDRESS: (a)Dep. Paediatrics, Inst. Clinical Med., Univ. Tromso,  
N-9037 Tromso\*\*Norway  
JOURNAL: Biochimica et Biophysica Acta 1216 (3):p402-408 1993  
ISSN: 0006-3002  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

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Display 5/3/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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08961736 BIOSIS NO.: 199396113237  
Absence of Epstein-Barr virus carrying cells in synovial membranes and  
**subcutaneous** nodules of patients with rheumatoid arthritis.  
AUTHOR: Brousset Pierre(a); Caulier Michel; Cantagrel Alain; Dromer Carole;  
Mazieres Bernard; Delsol Georges  
AUTHOR ADDRESS: (a)Lab. Anat. Pathol., Centre Hosp., Univ. Purpan, Place du  
Docteur Baylac, 31059 Toulouse Cedex\*\*France  
JOURNAL: Annals of the Rheumatic Diseases 52 (8):p608-609 1993  
ISSN: 0003-4967  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

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Display 5/3/4 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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08951890 BIOSIS NO.: 199396103391  
Human neuropeptide Y Y-1 receptor **antisense** oligodeoxynucleotide  
specifically inhibits neuropeptide Y-evoked vasoconstriction.  
AUTHOR: Erlinge David(a); Edvinsson Lars; Brunkwall Jan; Yee Frances;  
Wahlestedt Claes  
AUTHOR ADDRESS: (a)Lund Univ., Dep. Experimental Res., Malmo Gen. Hosp.,  
S-214 01 Malmo\*\*Sweden  
JOURNAL: European Journal of Pharmacology 240 (1):p77-80 1993  
ISSN: 0014-2999  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

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Display 5/3/5 (Item 5 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2002 BIOSIS. All rts. reserv.

08792868 BIOSIS NO.: 199395082219

A 27-mer **oligonucleotide** probe for the detection and measurement of the mRNA for uncoupling protein in brown adipose tissue of different species.

AUTHOR: Brander Fiona; Keith Jacqueline S; Trayhurn-Paul(a)

AUTHOR ADDRESS: (a)Div. Biochem. Sci., Rowett Res. Inst., Bucksburn, Aberdeen AB2 9SB, Scotland\*\*UK

JOURNAL: Comparative Biochemistry and Physiology B Comparative Biochemistry 104 (1):p125-131 1993

ISSN: 0305-0491

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

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Display 5/3/6 (Item 6 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2002 BIOSIS. All rts. reserv.

08774640 BIOSIS NO.: 199395063991

Treatment and prevention of rat glioblastoma by immunogenic C6 cells expressing **antisense** insulin-like growth factor I RNA.

AUTHOR: Trojan Jerzy; Johnson Thomas R; Rudin Susan D; Ilan Judith; Tykocinski Mark L; Ilan Joseph(a)

AUTHOR ADDRESS: (a)Dep. Anatomy-Lab. Developmental Genetics Molecular Biol., Case Western Reserve Univ., Cleveland,

JOURNAL: Science (Washington D C) 259 (5091):p94-97 1993

ISSN: 0036-8075

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

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Display 5/3/7 (Item 7 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2002 BIOSIS. All rts. reserv.

08335790 BIOSIS NO.: 000094087038

DRUG-POLYMER CONJUGATES POTENTIAL FOR IMPROVED CHEMOTHERAPY

AUTHOR: DUNCAN R

AUTHOR ADDRESS: NEW TECHNOLOGIES FARMITALIA CARLO ERBA, VIA CARLO IMBONATI 24, 20159 MILAN, ITALY.

JOURNAL: ANTI-CANCER DRUGS 3 (3). 1992. 175-210. 1992

CODEN: ANTDE

DOCUMENT TYPE: Review

RECORD TYPE: Abstract

LANGUAGE: ENGLISH

- end of record -

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Display 5/3/8 (Item 8 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2002 BIOSIS. All rts. reserv.



08308538 BIOSIS NO.: 000094070861  
TREATMENT OF CHRONIC HEPATITIS C BY CONTINUOUS **SUBCUTANEOUS** INFUSION  
OF INTERFERON-ALPHA  
AUTHOR: CARRENO V; TAPIA L; RYFF J-C; QUIROGA J A; CASTILLO I  
AUTHOR ADDRESS: HEPATOLOGY UNIT, DEP. GASTROENTEROLOGY, FUNDACION JIMENEZ  
DIAZ, AVENIDA REYES CATOLICOS 2, 28040 MADRID, SPAIN.  
JOURNAL: J MED VIROL 37 (3). 1992. 215-219. 1992  
FULL JOURNAL NAME: Journal of Medical Virology  
CODEN: JMVID  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

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Display 5/3/9 (Item 9 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

08305199 BIOSIS NO.: 000043060197  
PHARMACOKINETICS OF AN **ANTISENSE** PHOSPHOROTHIOATE  
OLIGODEOXYNUCLEOTIDE AFTER **SUBCUTANEOUS** INFUSION IN MICE  
AUTHOR: BIGELOW J C; CHRIN L R; MATHEWS L; MCCORMACK J J  
AUTHOR ADDRESS: DEP. PHARMACOL., VERMONT CANCER CENTER, UNIV. VERMONT,  
BURLINGTON, VT. 05405.  
JOURNAL: 83RD ANNUAL MEETING OF THE AMERICAN ASSOCIATION FOR CANCER  
RESEARCH, SAN DIEGO, CALIFORNIA, USA, MAY 20-23, 1992. PROC AM ASSOC CANCER  
RES ANNU MEET 33 (0). 1992. 532. 1992  
CODEN: PAMRE  
DOCUMENT TYPE: Meeting  
RECORD TYPE: Citation  
LANGUAGE: ENGLISH

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Display 5/3/10 (Item 10 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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08271394 BIOSIS NO.: 000094052567  
CHARACTERIZATION OF MURINE CELL LINES FROM DIETHYLSTILBESTROL-INDUCED  
UTERINE ENDOMETRIAL ADENOCARCINOMAS  
AUTHOR: HEBERT C D; ENDO S; KORACH K S; BOYD J; BARRETT J C; MCLACHLAN J A;  
NEWBOLD R R  
AUTHOR ADDRESS: LAB. REPRODUCTIVE DEV. TOXICOL., DIV. INTRAMURAL RES.,  
NATL. INST. ENVIRON. HEALTH SCI., RESEARCH TRIANGLE PARK, N.C. 27709.  
JOURNAL: IN VITRO CELL DEV BIOL 28A (5). 1992. 327-336. 1992  
FULL JOURNAL NAME: In Vitro Cellular & Developmental Biology  
CODEN: ICDBE  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

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Display 5/3/11 (Item 11 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

08271386 BIOSIS NO.: 000094052559  
LOSS OF TUMORIGENICITY OF RAT GLIOBLASTOMA DIRECTED BY EPISOME-BASED  
**ANTISENSE** CDNA TRANSCRIPTION OF INSULIN-LIKE GROWTH FACTOR I  
AUTHOR: TROJAN J; BLOSSEY B K; JOHNSON T R; RUDIN S D; TYKOCINSKI M; ILAN J  
; ILAN J

AUTHOR ADDRESS: DEP. ANATOMY, LABORATORY DEVELOPMENTAL GENETICS MOLECULAR  
BIOLOGY, CASE WESTERN RESERVE UNIVERSITY, SCHOOL MEDICINE, CLEVELAND,  
OHIO 44106.

JOURNAL: PROC NATL ACAD SCI U S A 89 (11). 1992. 4874-4878. 1992

FULL JOURNAL NAME: Proceedings of the National Academy of Sciences of the  
United States of America

CODEN: PNASA

RECORD TYPE: Abstract

LANGUAGE: ENGLISH

- end of record -

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Display 5/3/12 (Item 12 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2002 BIOSIS. All rts. reserv.

07948069 BIOSIS NO.: 000093027167

ENDOCRINE AND AUTOCRINE-MEDIATED REGULATION OF RAT OVARIAN

THECA-INTERSTITIAL INTERLEUKIN-1-BETA GENE EXPRESSION

GONADOTROPIN-DEPENDENT PREOVULATORY ACQUISITION

AUTHOR: HURWITZ A; RICCIARELLI E; BOTERO L; ROHAN R M; HERNANDEZ E R;

ADASHI E Y

AUTHOR ADDRESS: DIV. REPROD. ENDOCRINOL., DEP. OBSTET., UNIV. MD. SCH.

MED., BALTIMORE, MD. 21201.

JOURNAL: ENDOCRINOLOGY 129 (6). 1991. 3427-3429. 1991

FULL JOURNAL NAME: Endocrinology

CODEN: ENDOA

RECORD TYPE: Abstract

LANGUAGE: ENGLISH

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Display 5/3/13 (Item 13 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2002 BIOSIS. All rts. reserv.

07930668 BIOSIS NO.: 000093019066

RAT MODEL OF THE HUMAN TRITON TUMOR DIRECT GENETIC EVIDENCE FOR THE

MYOGENIC DIFFERENTIATION CAPACITY OF SCHWANNOMA CELLS USING THE MUTANT

NEU GENE AS A CELL LINEAGE MARKER

AUTHOR: NIKITIN A YU; LENNARTZ K; POZHARISSKI K M; RAJEWSKY M F

AUTHOR ADDRESS: INST. CELL BIOL., WEST GERMAN CANCER CENT. ESSEN, UNIV.

ESSEN MED. SCH., HUFELAND-STRASSE 55, W-4300 ESSEN 1, GERMANY.

JOURNAL: DIFFERENTIATION 48 (1). 1991. 33-42. 1991

FULL JOURNAL NAME: Differentiation

CODEN: DFFNA

RECORD TYPE: Abstract

LANGUAGE: ENGLISH

- end of record -

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Display 5/3/14 (Item 14 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2002 BIOSIS. All rts. reserv.

07887686 BIOSIS NO.: 000092136773

**OLIGONUCLEOTIDES ANTISENSE** TO THE INTERLEUKIN 1 RECEPTOR

MESSENGER RNA BLOCK THE EFFECTS OF INTERLEUKIN 1 IN CULTURED MURINE AND

HUMAN FIBROBLASTS AND IN MICE

AUTHOR: BURCH R M; MAHAN L C

AUTHOR ADDRESS: NOVA PHARMACEUTICAL CORPORATION, 6200 FREEPORT CENTRE,

BALTIMORE, MD. 21224.

JOURNAL: J CLIN INVEST 88 (4). 1991. 1190-1196. 1991

FULL JOURNAL NAME: Journal of Clinical Investigation  
CODEN: JCINA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

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Display 5/9/14 (Item 14 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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07887686 BIOSIS NO.: 000092136773

**OLIGONUCLEOTIDES ANTISENSE TO THE INTERLEUKIN 1 RECEPTOR**

MESSANGER RNA BLOCK THE EFFECTS OF INTERLEUKIN 1 IN CULTURED MURINE AND  
HUMAN FIBROBLASTS AND IN MICE

AUTHOR: BURCH R M; MAHAN L C

AUTHOR ADDRESS: NOVA PHARMACEUTICAL CORPORATION, 6200 FREEPORT CENTRE,  
BALTIMORE, MD. 21224.

JOURNAL: J CLIN INVEST 88 (4). 1991. 1190-1196. 1991

FULL JOURNAL NAME: Journal of Clinical Investigation

CODEN: JCINA

RECORD TYPE: Abstract

LANGUAGE: ENGLISH

ABSTRACT: Phosphodiester and phosphorothioate oligodeoxynucleotides (18  
mers) were constructed **antisense** to sequences of the recently  
cloned murine and human IL-1 receptors. Murine **antisense**

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Display 5/9/14 (Item 14 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

**oligonucleotides** inhibited IL-1-stimulated PGE2 synthesis by murine  
fibroblasts in culture in a time (days) and concentration-dependent (3  
.mu.M-30 .mu.M) fashion. Murine sense **oligonucleotide** and an  
**oligonucleotide antisense** to human IL-1 receptor were without  
effect. Moreover, murine **antisense oligonucleotides** did not  
affect tumor necrosis factor- or bradykinin-stimulated PGE2 synthesis by  
murine fibroblasts. Similarly, **antisense oligonucleotides** to  
the human, but not the murine, IL-1 receptor inhibited IL-1-stimulated  
PGE2 synthesis by cultured human fibroblasts. The attenuation of the  
cellular response to IL-1 caused by the **antisense**  
**oligonucleotides** correlated with a loss in cell surface receptors  
for IL-1, without any change in the number of bradykinin receptors on  
these cells. When **antisense oligonucleotides** were  
encapsulated in liposomes, they blocked completely the appearance of  
newly synthesized IL-1 receptors and IL-1-stimulated PGE2 synthesis. In  
mice, **subcutaneous** injection with an **oligonucleotide**  
**antisense** to the murine IL-1 receptor markedly inhibited the

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Display 5/9/14 (Item 14 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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infiltration of neutrophils in response to subsequent injection of IL-1.  
These data suggest that **antisense** oligodeoxynucleotides may share a  
role in the design of antiinflammatory therapeutics.

DESCRIPTORS: PROSTAGLANDIN E2 SYNTHESIS INFLAMMATION DERMATITIS NEUTROPHIL  
INFILTRATION

CONCEPT CODES:

02506 Cytology and Cytochemistry-Animal  
 03506 Genetics and Cytogenetics-Animal  
 10508 Biophysics-Membrane Phenomena  
 12508 Pathology, General and Miscellaneous-Inflammation and  
       Inflammatory Disease  
 15008 Blood, Blood-Forming Organs and Body Fluids-Lymphatic Tissue and  
       Reticuloendothelial System  
 17002 Endocrine System-General  
 18506 Integumentary System-Pathology  
 34508 Immunology and Immunochemistry-Immunopathology, Tissue Immunology

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Ref	Items	Index-term
E1	2	AU=ANDERSON, J.R.
E2	1	AU=ANDERSON, J.W.
E3	0	*AU=ANDERSON, KEVIN P
E4	2	AU=ANDERSON, L.C.
E5	1	AU=ANDERSON, L.E.
E6	3	AU=ANDERSON, L.L.
E7	1	AU=ANDERSON, L.L. (ED.) .
E8	2	AU=ANDERSON, M.
E9	6	AU=ANDERSON, M.A.
E10	1	AU=ANDERSON, M.N.
E11	1	AU=ANDERSON, P.N.
E12	1	AU=ANDERSON, P.W.

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Ref	Items	Index-term
E1	2	AU=ANDERSON KEVIN M
E2	39	*AU=ANDERSON KEVIN P
E3	75	AU=ANDERSON KEVIN R
E4	10	AU=ANDERSON KEVIN W
E5	9	AU=ANDERSON KF
E6	29	AU=ANDERSON KG
E7	24	AU=ANDERSON KH
E8	7	AU=ANDERSON KI
E9	8	AU=ANDERSON KIERSTEN
E10	1	AU=ANDERSON KIESSLING A
E11	1	AU=ANDERSON KIESSLING A.
E12	6	AU=ANDERSON KIM

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Ref	Items	Index-term
E1	5	AU=ANDERSON KOREN J
E2	150	*AU=ANDERSON KP
E3	159	AU=ANDERSON KR
E4	2	AU=ANDERSON KRISTA
E5	2	AU=ANDERSON KRISTA L
E6	17	AU=ANDERSON KRISTEN
E7	2	AU=ANDERSON KRISTEN E
E8	3	AU=ANDERSON KRISTEN G
E9	3	AU=ANDERSON KRISTEN L
E10	3	AU=ANDERSON KRISTI
E11	2	AU=ANDERSON KRISTI L
E12	52	AU=ANDERSON KRISTIN

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? e au=nozaki, chikateru

Ref	Items	Index-term
E1	26	AU=NOZAKI, CHIKA
E2	25	AU=NOZAKI, CHIKAHIDE
E3	70	*AU=NOZAKI, CHIKATERU
E4	23	AU=NOZAKI, CHIYOSHI
E5	42	AU=NOZAKI, CHOJI
E6	4	AU=NOZAKI, CHUJIRO
E7	1	AU=NOZAKI, CHUZABURO
E8	1	AU=NOZAKI, D
E9	10	AU=NOZAKI, D.
E10	1	AU=NOZAKI, D. N.
E11	1	AU=NOZAKI, DAICHI
E12	2	AU=NOZAKI, DAIKI

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